

# SENG *Duofold* CONCEALED BEDS

ROLLER TYPE  
RECESS TYPE  
PIVOT TYPE



*Patented and Manufactured by*  
**The SENG COMPANY, 1450 Dayton St., Chicago**  
*For 55 Years Makers of Steel Equipment and Parts for Good Furniture*

# SENG *Duofold* ROLLER BED



The Duofold Roller Bed rolls very easily.

## Makes more attractive room arrangements possible

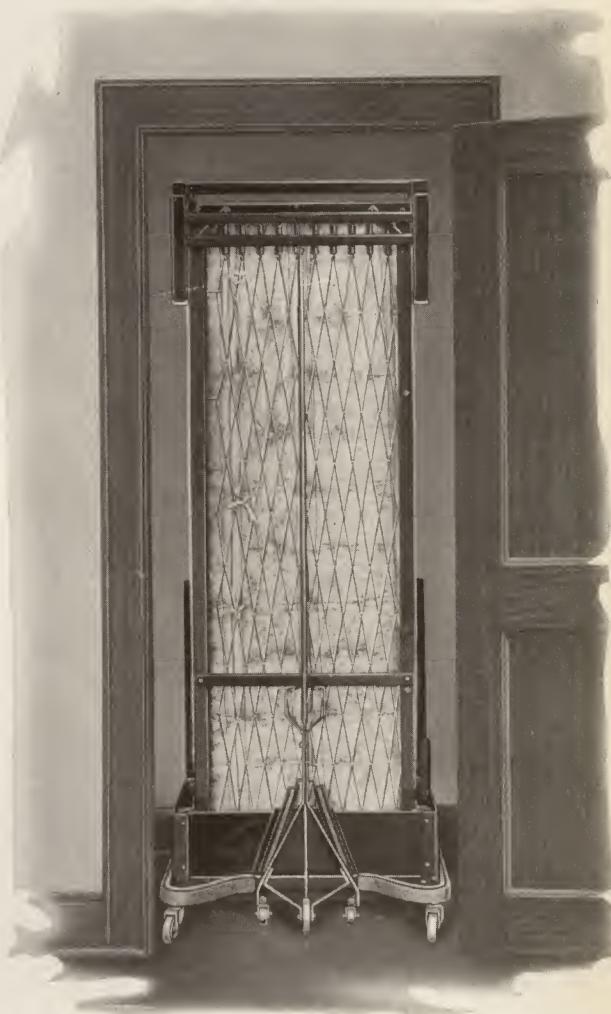
THE bed closet does not have to open off the room in which the bed is to be used. The closet in which the bed is housed, may be in a hall or some out-of-the-way place, leaving unbroken wall space in the living room which makes more attractive arrangement of this important room possible.

As shown in the plan on the upper part of page 4, the bed can be placed in the closet either of two ways, thus making it possible to utilize floor space to the best advantage. No other concealed bed boasts this advantage.

*Takes less than 5 square feet*

WHEN upright, the DUOFOLD Roller Bed occupies a space but 31" x 23". When the closet is made for the bed to enter the narrow way, a 2'8" x 6'8" door is generally used and the depth of the closet is 31" from the inside of the door. If made for the bed to enter the wide way a 2'8" x 6'8" door is used and the closet need be but 23" deep. If desired, doors 6'6" high can be used and the bed will still have ample clearance.

*Bed in a 23" deep closet with 2'8" x 6'8" door.*



# SENG *Duofold* ROLLER BED

## *Lighter--rolls more easily*

IT IS not enough that a roller bed should have wheels in order to roll from one room to another. The Duofold Roller Bed is light—easy for a woman to roll, and the large bakelite wheels on roller-bearing casters ride easily over the edges of rugs without injury to them, and without the slightest mar to highly polished floors. These are advantages that a woman will appreciate. In addition, the base of the bed carriage is covered with felt that protects both furniture and woodwork.

Another feature about the Duofold Roller Bed is the fact that, because of its narrow width, it is not awkward to handle; it is compact and easy to guide. Then again, because it is narrow, it can be swung into a closet off the narrowest hallway, and the closet itself can be a small one, thus saving floor space.

Thus it is possible to place the closet where nothing but a closet could be put.

## *No installing*

THE Duofold Roller Bed can be rolled from the crate in which it comes, into the room ready for use. No adjustments to make, no installing necessary, no hammers or holes, no labor or labor cost. It is shipped completely assembled.

If it is desired to combine with the closet, a space for hanging clothes or for dressing, this can be easily done as shown in the plan at the bottom of Page 4. And it can be done with a narrow door off a narrow hall—something that no other roller bed makes possible.

In buildings already constructed with large closets, the Duofold uses but a small part, leaving the rest for storage. Scarcely any closet is too small to house the Duofold.



The weight of the bed varies slightly with the style of end on it. The average net weight is 135 pounds, while the approximate shipping weight is 185 pounds. When upright the bed is 77 inches overall in height.

# SENG *Duofold* ROLLER BED

## *How it operates*



Figure 1

THE bed is rolled out of the closet (1) and to any place in the house where it is desired to sleep. It is then lowered (2). This can easily be done with one hand as a simple, ingenious arrangement of springs so balances the bed that lowering and raising it is practically effortless. The patented stabilizer keeps the bed steady in all positions, preventing it from tipping forward or rolling away from the operator. Figure 3 shows the bed down but still folded. Note that the sheets and other

bedding are all folded inside the bed where they are kept cleaner than they would be on an ordinary bed. To unfold the bed but one catch is released and the top half turned over. When in this position the bed is locked and cannot jack-knife. All legs adjust themselves automatically so

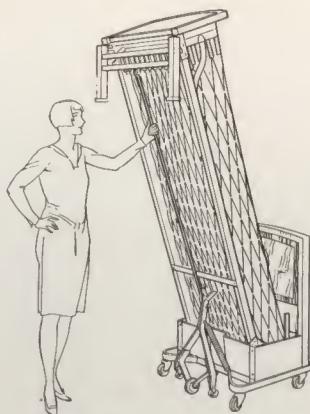
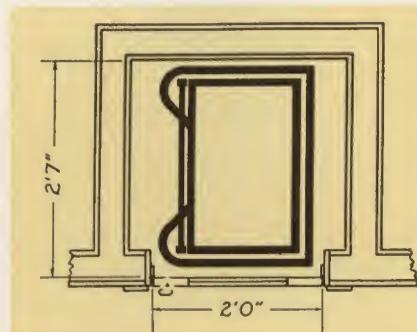
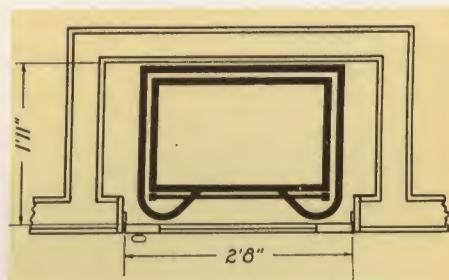


Figure 2

there are just two operations —pull down and open. Large, strong pillow rests hold the mattress and bedding in place while opening and closing the bed.



Floor plan of bed closet with Duofold Bed entered the narrow way.



Floor plan of bed closet with bed entered the wide way.

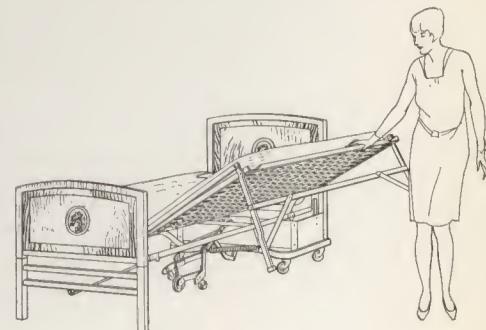
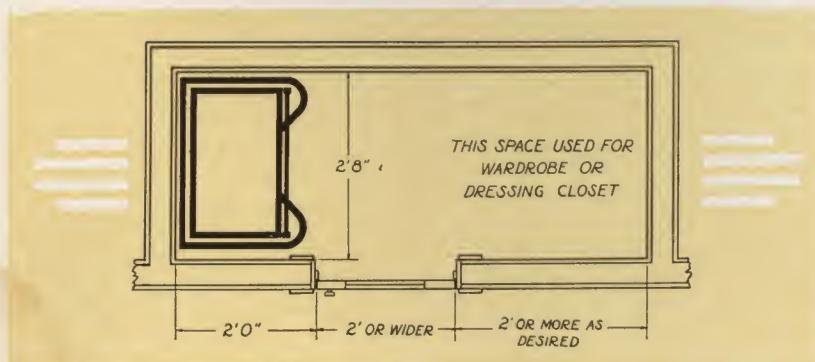


Figure 3



Figure 4



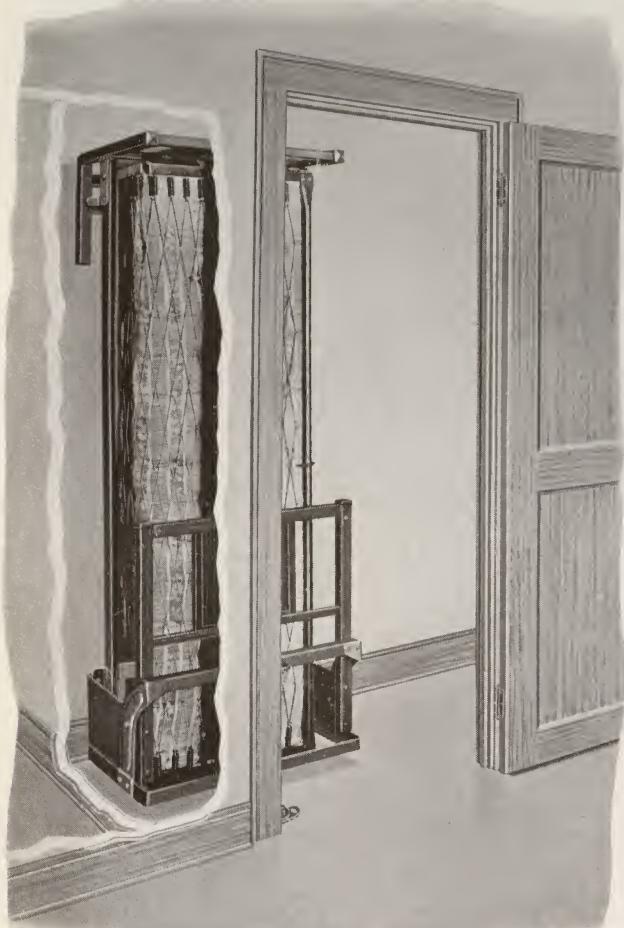
# SENG *Duofold* PIVOT BED

*Saves space  
which is used for dressing closet*

THE Duofold Pivot Bed is most often used in connection with a closet in which clothes are hung or in which dressing space is provided. Because the bed swings back out of the way, taking but little space, it is well adapted to such use. And whether the bed is in the closet or out and opened, there is plenty of space for a person to get into the closet.

Only half the floor space required for other pivot beds, is necessary for the Duofold. The closet need be but 30" deep from the inside of the door, and only 44" wide, although it is usually made 60" or more in width to make it available for other uses.

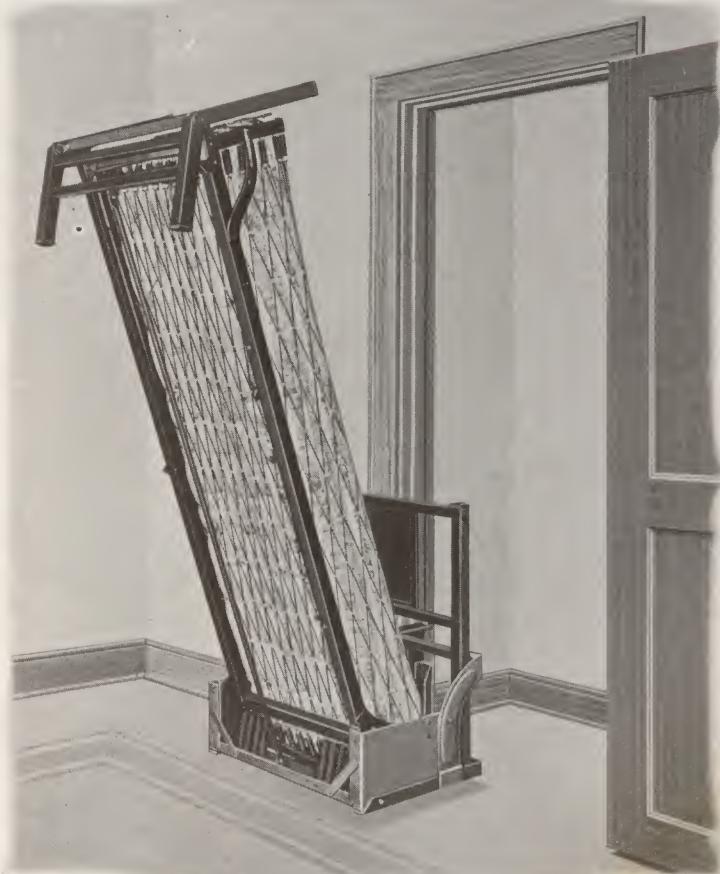
If made deeper, the closet may be used for dressing, for a chest of drawers in one end, or may have a door to an adjoining bath.



*The Pivot Bed in a closet. Walls are cut away to show position of the bed. The closet to the right of the door can be as deep as desired, and used for a dressing closet.*

## *Convenient and easy to use*

IT IS but a simple matter to prepare the Pivot Bed for use. It swings out of the closet at a touch, is then lowered and opened the same as the other Duofold Beds. It is also well balanced by springs so that raising and lowering is effortless. The head end and the upper part of the foot end do not fold back but are bolted to the frame and cannot fall over on the bed. An exclusive safety lock positively prevents the bed from jack-knifing when opened.



*Duofold Pivot Bed out of the Closet and partly lowered.*

# SENG *Duofold* PIVOT BED



Pivot Bed down and opened, ready for a comfortable night's sleep.



Another view of the Pivot Bed in the closet, showing the mounting.

## *Installation is simple*

THE installation of the Pivot Bed is easy and can be made by an inexperienced man in about 25 minutes. The bed is shipped completely assembled except for two brackets. One of these is bolted to the bed carriage, the other fastened to the floor and door jamb. The bed is then lifted and the holes in the bed bracket slipped over the screw bolts in the bracket that has been fastened to the jamb. Two acorn nuts are screwed on the screw bolts to give a finished appearance, and the bed is ready for use. There are no adjustments nor springs to be attached. This is all done at the factory.

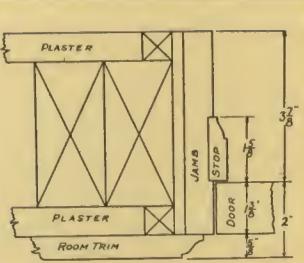
A 2'6" x 6'8" door is recommended but one that is 6'6" high gives sufficient clearance. It is preferable to hang the bed on the jamb opposite from that on which the door is hung. However, this is not imperative as the pivot arm is long enough to clear the door when it is flush against the wall. The pivot arm is so made that, when swung

# SENG *Duofold* PIVOT BED

out of the closet, no part of the bed can come in contact with the jamb, door, or wall and mar them.

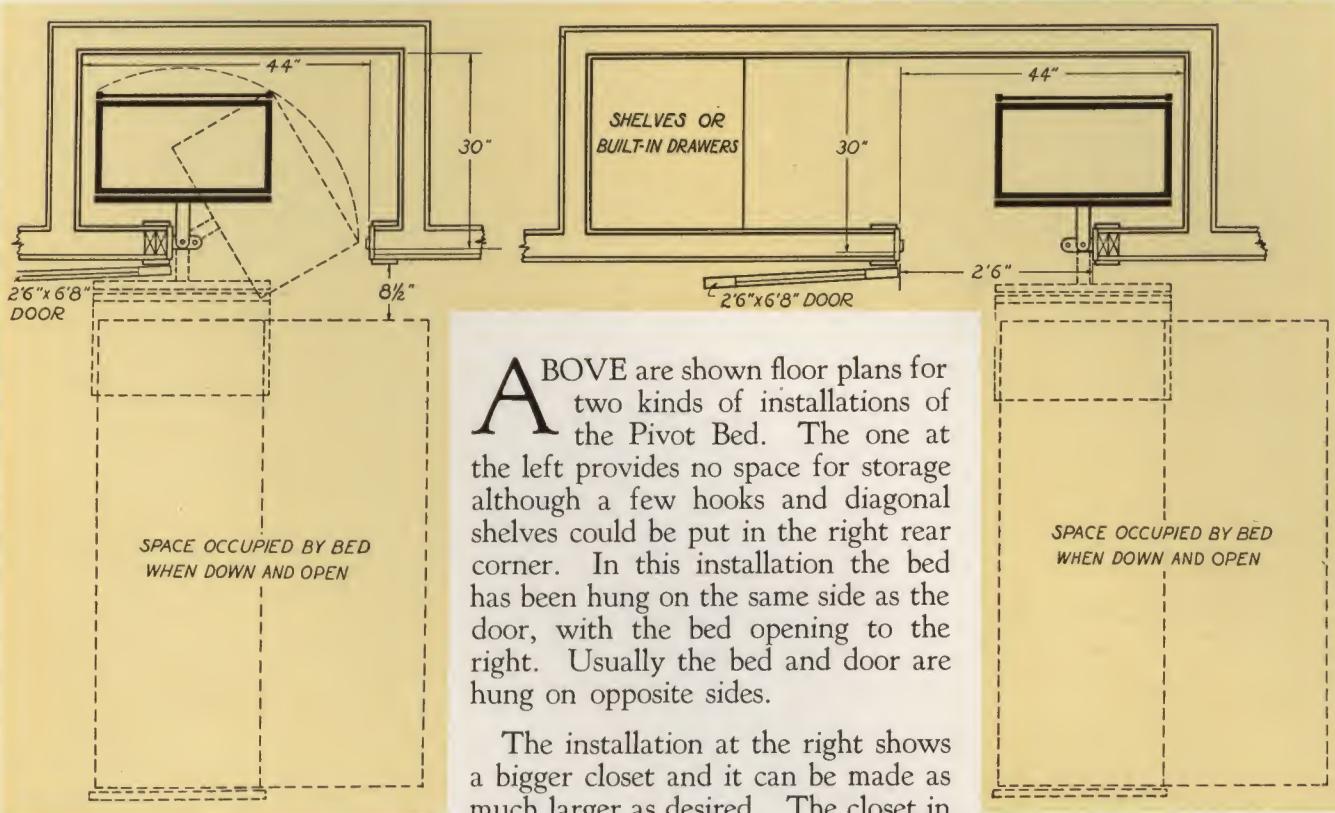
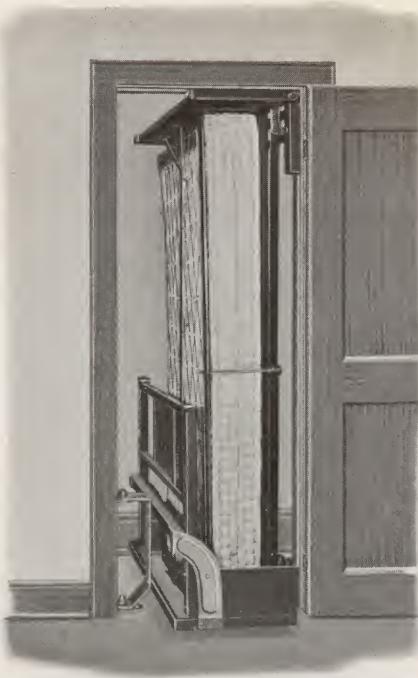
The bed opens to the right unless otherwise specified. Can be furnished to open to the left without extra charge. When down and open the bed sets  $8\frac{1}{2}$ " from the wall. The average net weight of the bed, including brackets, is 137 pounds; the shipping weight is

185 pounds. The base on the bed measures  $17\frac{1}{2}$ " x  $27\frac{1}{2}$ " and, when hung, the top is 77" from the floor.



The jamb, on the side on which the bed is to be hung, should be the same or of equivalent strength as the construction shown in the small plan on the lower part of this page.

At the right the Pivot Bed is shown swung half way out of the closet.

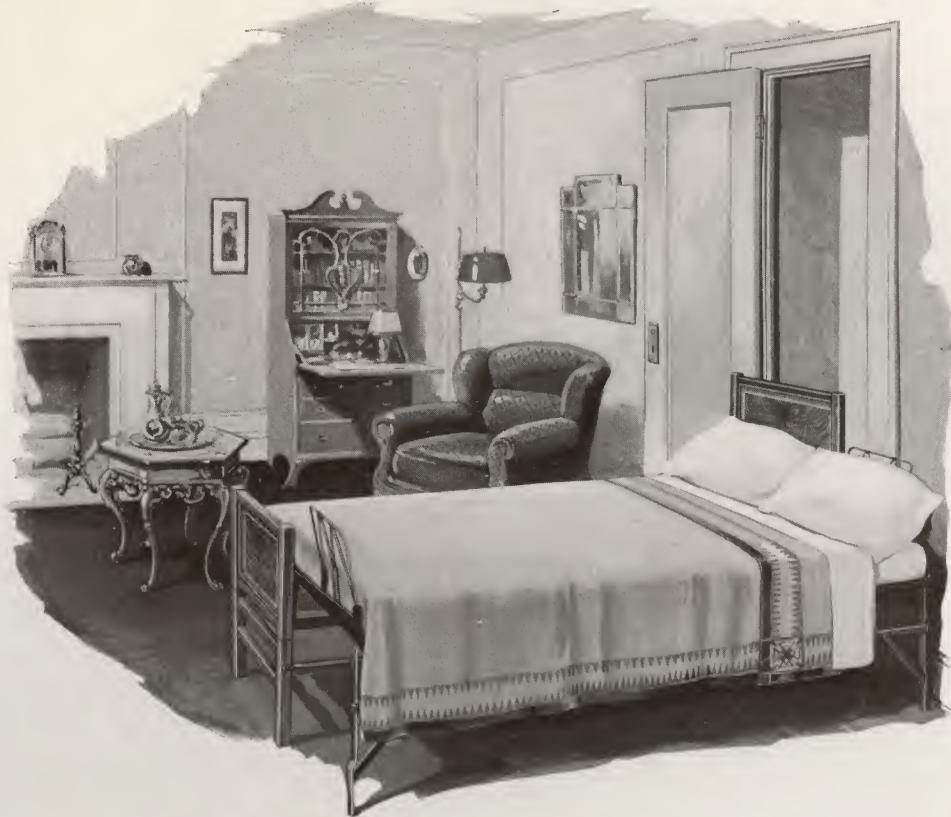


ABOVE are shown floor plans for two kinds of installations of the Pivot Bed. The one at the left provides no space for storage although a few hooks and diagonal shelves could be put in the right rear corner. In this installation the bed has been hung on the same side as the door, with the bed opening to the right. Usually the bed and door are hung on opposite sides.

The installation at the right shows a bigger closet and it can be made as much larger as desired. The closet in

this case can also be used for clothes storage and a dressing room. The bed and door have been hung on opposite sides and the bed opens to the right. If the wall of the room is too close to permit of the bed opening to the right, the bed could still be hung on this side but opened to the left.

# SENG *Duofold* RECESS BED



Recess Bed down and opened—a real bed ready for use.

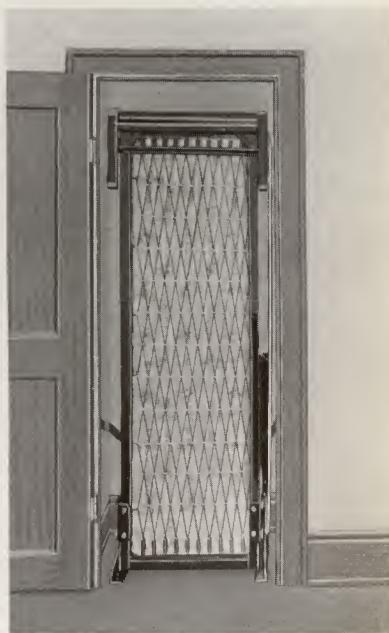
## Takes less than $3\frac{1}{2}$ square feet

THE Seng Duofold Recess Bed takes the smallest floor space of any concealed bed made—folded it takes less than  $3\frac{1}{2}$  square feet. Opened it takes 27 square feet. It is the most compact closet bed made for two people, and yet it is a thoroughly comfortable bed.

The closet depth needed is but 18 inches from the inside of the door. Where possible, a 2'x8" x 6'8" door is recommended, although a 2'6" door can be used if the bed is placed in the closet carefully, and if the door will swing wide open till it parallels the wall.

With a door 2'8" the bed can be used with the door standing ajar at right angles to the wall.

Recess Bed in an 18" deep closet with a 2'6"x6'8" door.



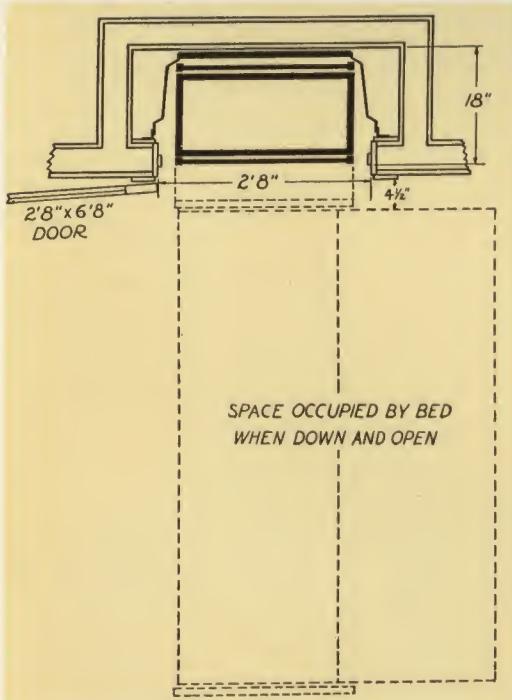
# SENG *Duofold* RECESS BED

## How to operate

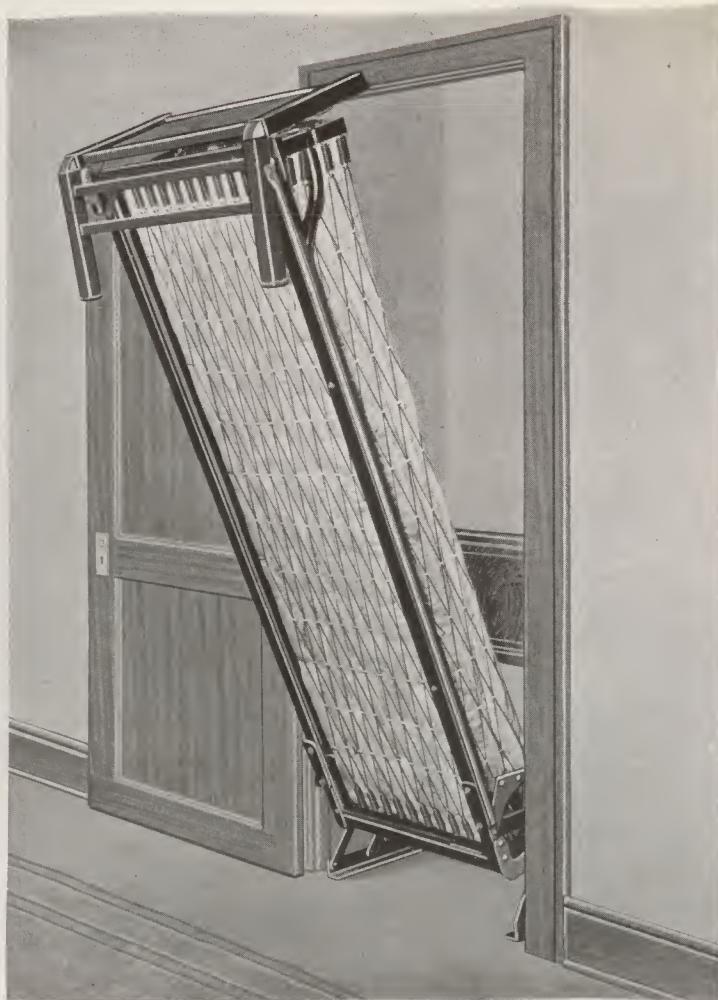
ONE easy motion brings the bed down, and as it lowers it automatically comes forward so that when the feet touch the floor, the bed is out of the closet completely. Springs balance the bed so that it works smoothly and easily, without strain on the person operating it. There is no danger of the bed dropping heavily on the floor, or flying back into the closet while lowering or raising it.

If the bed is hung on the same side of the jamb as the door, the bed when opened, sets  $4\frac{1}{2}$ " from the wall—plenty of room for both bed and door if the door is opened wide. It is better, however, to hang the bed on the opposite side from the door. Beds can be had opening to the left or right without extra charge.

When open, the bed is automatically locked; it cannot fold or fly up. Only the feet on the foot end fold, the upper part of the foot being bolted to the frame. Nothing to fall over on occupants of the bed.



Floor plan of Recess Bed installed in a closet.



Recess Bed partly lowered.

## Easily and quickly installed

THE Duofold Recess Bed is also shipped completely assembled ready to slide into the closet when uncrated. Complete installation can be made by an inexperienced man in thirty minutes, by an experienced man in much less time.

Eight bolt holes are bored in the floor according to a template provided with each bed. The two rear bolts are screwed down within  $\frac{1}{2}$ " of the floor and the bed slid into the closet until the two slots in the back of the base engage these two bolts. The two front bolts are then put in and screwed down, after which the bed is lowered so that the four middle bolts can be put in and the rear ones screwed down. For additional safety, two braces are provided which run from the angle frame fastened to the base, to the inside of the door jamb. These are attached to the jamb with two screws.

The bed is best installed on the usual double floor although a single floor is strong enough if the braces are attached to the inside of the jamb. The average net weight of the Recess Beds is 125 pounds and the approximate shipping weight 175 pounds. The dimensions of the base are  $17\frac{1}{2}$ " x 26" and the height 77".

# SENG *Duofold* CONCEALED BEDS

JUST THREE TYPES OF BEDS, ONE OF WHICH WILL MEET ANY REQUIREMENT. CAN BE USED IN BUILDINGS ALREADY CONSTRUCTED BECAUSE NO SPECIAL CONSTRUCTION IS NECESSARY AND THERE ARE FEW CLOSETS NOT LARGE ENOUGH TO TAKE THESE BEDS.

## ADVANTAGES

### for the Builder and Home Owner

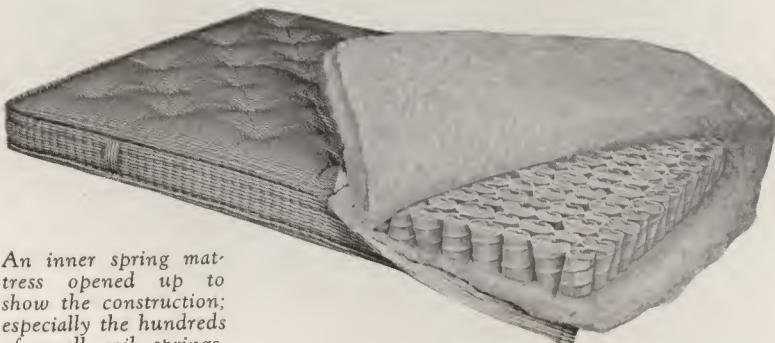
- 1 Big Savings in space, materials, and labor because the Duofold Beds require less than half the floor space of other beds.
- 2 Permits of larger rooms, or more rooms, increasing the income.
- 3 The Roller Bed allows better arrangement of rooms and more attractive apartments because, bed being movable, closet can be placed anywhere.

## ADVANTAGES

### for the Architect

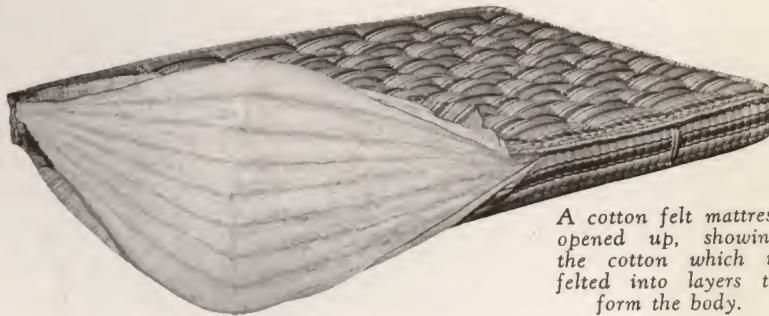
- 1 Easier to design apartments because closets are so much smaller and, in the case of the Roller Bed, the location is not vital.
- 2 Can design better and more attractive homes and apartments because (a) space saved can be used to make rooms or closets larger; (b) narrower doors can be used or no doors at all in living room if Roller Bed is put in a closet off the hall.
- 3 Can save clients money by the savings effected in space, materials, and labor, without sacrificing comfort and utility.

## *Mattresses Worthy of SENG Duofold Beds*



An inner spring mattress opened up to show the construction; especially the hundreds of small coil springs.

All Duofold Beds will accommodate a  $3\frac{1}{2}$ " inner spring or cotton felt mattress and a reasonable amount of bedding. These mattresses are hinged lengthwise in the center to permit them to fold easily. This hinge does not affect the comfort of the mattress because the two halves fit tightly together when the bed is opened and the mattress is flat. A 3" or thinner cotton felt mattress, not hinged, can be used, leaving more room for bedding.



A cotton felt mattress opened up, showing the cotton which is felted into layers to form the body.

## ADVANTAGES

### for the Contractor

- 1 No special types of building construction required.
- 2 Beds do not have to be assembled. They are shipped completely assembled and adjusted for use with the exception of two brackets on the Pivot Bed.
- 3 The installation is the easiest and simplest of any concealed beds. An inexperienced man without mechanical knowledge can do it. Roller Bed requires no installation. All bolts and screws needed for installation are furnished.

## ADVANTAGES

### for the Tenant and Home Owner

- 1 Obtains the facilities of an extra room without the cost of that room.
- 2 Has larger, more attractive living rooms.
- 3 Has a bed that is lighter and more easily handled.
- 4 In the Roller Bed, has a bed that can be used anywhere in the house or apartment, not just where the closet has been placed.

The superiority of the inner spring mattress is easily recognized. It has hundreds of coil springs enclosed on the inside, giving it great resiliency. When used with the sagless cable fabric it gives a bed of superlative comfort. While not as soft as the inner spring mattress, the cotton felt mattress is very satisfactory.

Mattresses are not included in the price of the beds and are not shipped unless specifically ordered. They may be bought separately, but if purchased from us, you will be sure to get a mattress that is built for the bed. The weight of the inner spring mattress is approximately 23 pounds and the cotton felt mattress 45 pounds.

# SENG *Duofold* CONCEALED BEDS

## *provide all these exclusive features*

**Save half the space required by other beds —** Seng Duofold Beds are the most compact concealed beds for two. They take only half the space required by other disappearing beds. This reduces costs in materials and labor. This space saved can be used to make rooms larger and more attractive, or to provide additional closet space.

In large apartment buildings the space saved is often sufficient to make an extra room or two on each floor, thereby increasing the income. This is especially true with the Roller Bed. Because it can be easily rolled to any room in the apartment, and because it is so compact that it can be easily handled in narrow passages, the bed can be put in a small closet with a narrow door off a narrow hall, space which could not be used for anything else. This saves building a special closet that would cut off valuable living room space.

**Shipped completely assembled —** Duofold Roller and Recess Beds are shipped completely assembled and the Pivot Bed practically so, two brackets being the only loose parts. There are no springs, counterweights or other fixtures to be attached and no adjustments. This simplifies the installation.

**Quickly and easily installed —** With the Roller Bed there is no installation, it is rolled from crate to closet ready for use. On the Recess and Pivot Beds the installation has been simplified so that it is extremely easy, requires no mechanical knowledge, and can be done in less than thirty minutes.

**No special construction or doors required —** No special building construction is necessary for Duofold Beds, with the possible exception of the Pivot Bed, which must have a strong, solid door jamb. Standard size doors are used in all cases and they look just like any other closet or room door.

**Easier to handle —** Duofold Beds being much lighter in weight than other beds are much easier to operate. A woman or child can handle them without difficulty due to the ingenious use of balancing springs. There are no counterweights. All parts are made of steel, giving strength without weight.

**Absolutely safe —** A simple safety device positively prevents the bed from closing up when opened for sleeping. In fact they cannot be lifted

up when in that position. They are fool-proof! Nothing to get out of order.

**A comfortable bed for two —** The bed itself is remarkably comfortable. The sleeping surface is the famous sagless cable fabric. It has a deeper spring action than coil spring beds. It will accommodate a  $3\frac{1}{2}$ -inch inner spring or cotton felt mattress and a reasonable amount of bedding.

The sagless cable fabric is really sagless. A heavy person can sleep on one side of the bed and a child on the other and the bed will not slope toward the heavier person. This can be easily demonstrated by stepping on the spring surface at one side of the bed. The foot will depress the spring six or eight inches but ten or twelve inches away from the foot the spring will be perfectly level.

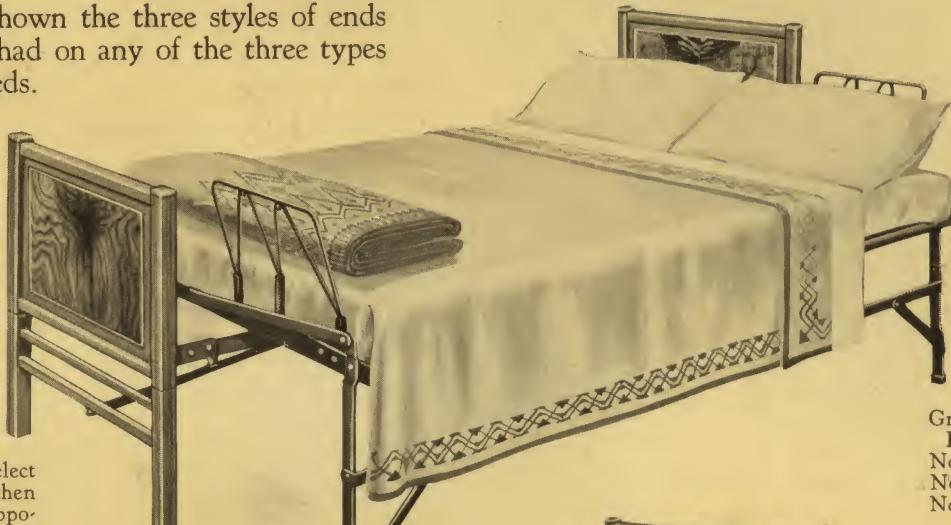
**Sanitary and more easily cleaned —** The sagless cable fabric is the most sanitary spring. Being flat, it can be wiped off on both sides in a few minutes. But it would require several hours to clean all the wires in a coil spring bed were it possible to reach them. No rough surfaces on the metal parts, as they are all made of smooth steel.

**Neat and attractive in appearance —** All Duofold Beds are attractively finished and present a neat appearance both when in the closet and when opened in the room. Three styles of metal ends are available on any of the three types of beds. Two of these are attractively grained to resemble walnut. The ends vary in price, giving a range of prices in each type of bed which are as low or lower than other beds.

**Made by an old, well established company —** The Seng Company, founded in 1874, is a well established concern which is well and favorably known throughout the furniture industry. They have large resources and a plant that covers an entire city block. They are the world's largest manufacturers of furniture hardware specialties and are the originators and manufacturers of the folding bed equipment which is used in the Davenport Beds made by all the leading furniture manufacturers. In the Duofold Bed are incorporated the simple, practical principles which have proven so successful in this fixture, millions of which have been made and are in daily use.

# SENG *Duofold* CONCEALED BEDS

Below are shown the three styles of ends which can be had on any of the three types of Duofold Beds.



Grained Walnut with  
Burl Walnut Panel  
No. 671—Roller Bed  
No. 681—Recess Bed  
No. 691—Pivot Bed

In ordering, select the style of end, then use the number opposite whatever type of bed you want. The beds are the same, only the ends change.



Grained Walnut  
Panel Ends  
No. 672—Roller Bed  
No. 682—Recess Bed  
No. 692—Pivot Bed

The numbers given are the catalog numbers of the beds complete with the ends as shown and described.



Tubular Ends Finished  
in Brown Enamel  
No. 673—Roller Bed  
No. 683—Recess Bed  
No. 693—Pivot Bed

Please use numbers and names shown when ordering.

# SENG *Duofold* CONCEALED BEDS

Below are shown the three styles of ends which can be had on any of the three types of Duofold Beds.



Digitized by:



Walnut with  
nut Panel  
Roller Bed  
Recess Bed  
Pivot Bed

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Walnut  
Ends  
Roller Bed  
Recess Bed  
Pivot Bed

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